

## CLAIMS

I claim:

1. A method of organizing a search for a service provider in a wireless device  
5 storing location information, the method comprising:  
at power down of the wireless device, erasing at least part of the location  
information.
2. The method of claim 1, wherein erasing at least part of the location information  
10 further comprises erasing location information associated with a service provider.
3. The method of claim 2, wherein erasing at least part of the location information  
further comprises erasing location information associated with a most recently used  
service provider.
- 15 4. The method of claim 1, wherein the wireless device is a global system for mobile  
communications device.
5. The method of claim 4, wherein the wireless device has a subscriber identity  
20 module.
6. The method of claim 1, wherein erasing at least part of the location information  
further comprises erasing location information from a subscriber identity module.
- 25 7. The method of claim 6, wherein all the location information is erased from the  
subscriber identity module.

8. The method of claim 1, wherein erasing at least part of the location information is performed by a program stored on a subscriber identity module.

5 9. The method of claim 1, wherein erasing at least part of a location information is performed by a wireless network transmitting a signal to the wireless device.

10. A method of organizing a search for a service provider in a wireless device storing location information, the method comprising:  
10 at power up of the wireless device, erasing at least part of the location information.

12. The method of claim 10, wherein erasing at least part of the location information further comprises erasing location information associated with a service provider.

15 13. The method of claim 12, wherein erasing at least part of the location information further comprises erasing location information associated with a most recently used service provider.

20 14. The method of claim 10, wherein the wireless device is associated with a global system for mobile communications.

15. The method of claim 14, wherein the wireless device uses a subscriber identity module.

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16. The method of claim 10, wherein erasing at least part of the location information further comprises erasing location information from a subscriber identity module.
17. The method of claim 16, wherein all the location information is erased from the  
5 subscriber identity module.
18. The method of claim 10, wherein erasing at least part of the location information is performed by a program stored on a subscriber identity module.
- 10 19. The method of claim 10, wherein erasing at least part of a location information is performed by a wireless network transmitting a signal to the wireless device.
20. A method of selectively erasing information on a subscriber identity module storing location information associated with a service provider, the method comprising:  
15 comparing the location information with a home service provider and a preferred service provider; and  
if the service provider is not the home service provider or the preferred service provider, erasing at least part of the location information.
- 20 21. The method of selectively erasing information on a subscriber identity module of claim 20, wherein erasing at least part of the location information further comprises erasing location information associated with the service provider.
22. A method of selectively erasing location information associated with a service  
25 provider for a wireless device, the wireless device having a group of preferred service providers, the method comprising:

comparing the location information with a home service provider and a portion of the group of preferred service providers; and

if the service provider is not the home service provider or one of the portion of the group of preferred service providers, erasing at least part of the location information.

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23. The method of selectively erasing location information of claim 22, wherein erasing at least part of the location information further comprises erasing location information associated with the service provider.

10 24. The method of selectively erasing location information of claim 23, wherein the location information is stored on a subscriber identity module.

25. The method of selectively erasing location information of claim 24, wherein the group of preferred service providers is stored on the subscriber identity module.

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26. A subscriber module associated with a wireless device, the subscriber module comprising:

first memory for storing location information; and

second memory that stores a program executable to erase at least some of the

20 location information.

27. The subscriber module of claim 26, wherein the program erases at least some of the location information at power down.

25 28. The subscriber module of claim 26, wherein the program erases at least some of the location information at power up.

29. The subscriber module of claim 26, wherein the program erases location information associated with a most recently used service provider.

5 30. A subscriber module associated with a wireless device, the subscriber module comprising:

first memory that stores data associated with location information; and

second memory that stores a program executable to erase at least some of the data associated with a most recently used service provider.

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31. The subscriber module of claim 30, wherein the first memory further stores data associated with a home service provider and a preferred service provider.

32. The subscriber module of claim 31, wherein the second memory stores a  
15 program that erases at least some of the data when the most recently used service provider is not the home service provider or the preferred service provider.

33. A wireless device having a subscriber module associated with a wireless device, the wireless device comprising:

20 first memory for storing location information; and

second memory that stores a program executable to erase at least some of the location information.

34. The wireless device of claim 33, wherein the program erases at least some of the  
25 location information at power down.

35. The wireless device of claim 33, wherein the program erases at least some of the location information at power up.

36. The subscriber module of claim 33, wherein the program erases location  
5 information associated with a most recently used service provider.

37. A recording medium associated with the use of a wireless device, the recording medium comprising:

first memory that stores data associated with location information; and  
10 second memory that stores a program executable to erase at least some of the data associated with a most recently used service provider.

38. The recording medium of claim 37, wherein the first memory further stores data associated with a home service provider and a preferred service provider.

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39. The recording medium of claim 38, wherein the second memory stores a program that erases at least some of the data when the most recently used service provider is not the home service provider or the preferred service provider.

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